

DEGSON HEAVY DUTY CONNECTORS



Product Introduction

Product Selection

Product Application

➤ **Function**



Application for Signal, Power, Data, Pneumatic Transmission
& Industrial Controls



 **Features**

- Pre-installation
- Reduce mis-wiring
- Improve efficiency and save costs



- Easy to connect, modular structure
- Customized Allowed
- Easy to install & for maintenance



- Waterproof protection (IP65/68)

➤ History



Screw

Crimp

Spring cage

Push-in



Classification

Inserts

9 Series
More than 200 types



Contacts

Silver/Gold plating
Current Rating (10, 16, 40A)
More than 300 types



Housings

10 Series
More than 800 types



Accessories & Tools
More than 200 types
Various cable glands
Coding pin and tools



➤ Advantages

- According to IEC 61984 standard, perfectly compatible with international brands;
- Protection degree IP68;
- Applicable to harsh industrial environments;
- Customized services and supporting solutions;



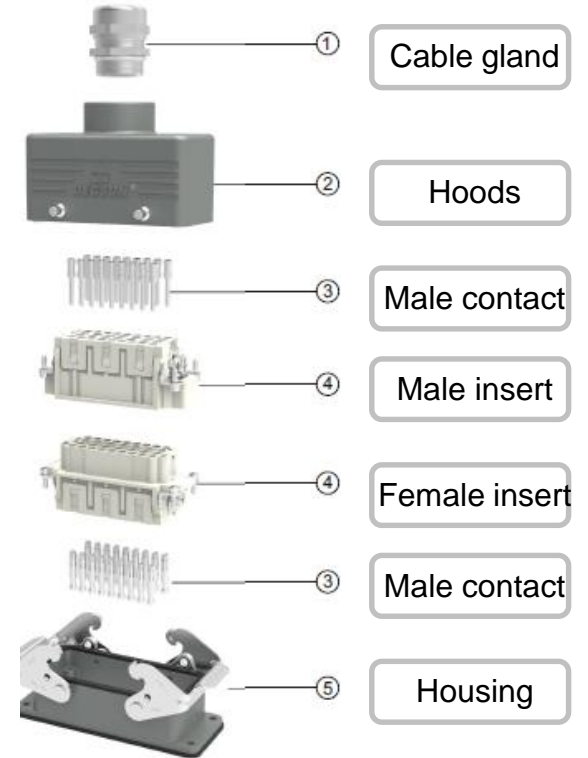
Product Introduction

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Structure

- ▶ Hoods/Housing: Aluminum die-cast
- ▶ Male/Female Insert Housing: Polycarbonate, Flammability UL V0
- ▶ Male/Female Contact: Copper alloy (Silver Plated/ Gold Plated)
- ▶ Cable Gland: Metal/ Nylon



Naming Rule of Inserts



How to Order

DA — 010 — M — 00A(H)

Custom Product

(M/F) - Screw Terminal, (MC/FC) - M/F Crimp Terminal
Terminal (MS/FS) - Spring Cage Term., (MP/FP) - Push-In

Number of contacts

Product series

- DA (250V, 16A) - 004/010/016/032, Slim Inserts (3/4/10/16/32 contacts)
- DD (250V, 16A) - 008/015/025/040, Ultra HD Inserts (7/8/15/25/40/50/64/80/128)
- DDD (250V, 10A) - 024/042/072/108/144/216, Ultra HD, B-series (24/42/72/108/144/216)
- DE (500V, 16A) - 006/010/016/024/032/048, Standard
- DEE (500V, 16A) - 010/018/032/046/064/092, HD Insert,
- DQ (830V/500V, 40A/16A) - 002/005/007/008/ Compact Series, High Voltage
- DQV (400V, 40A) - 002, Compact Series, High Voltage



Naming Rule of Hoods



D16B — TE/SF — 2g/1L — CV — M25/PG21

Thread size

CV= Plastic Cover

MCV= Metal Cover

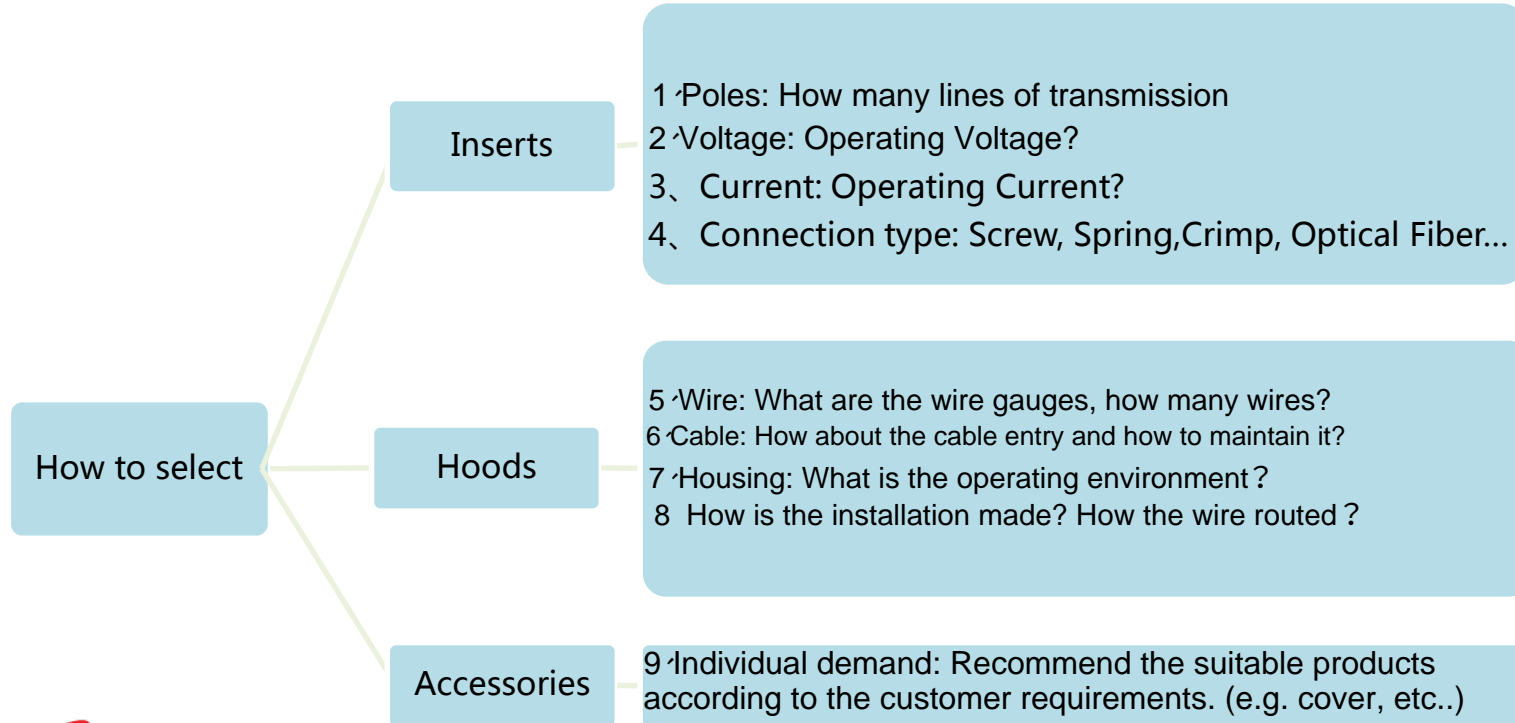
Locking lever
 2g - double locking points
 4g - 4 locking points
 1L - 1 locking lever
 2L - 2 locking lever

Hoods & housings
 TE - Top Entry
 TEH - Top Entry High Cage
 SE - Side Entry
 SEH - Side Entry High Cage

Product series
 BK - Bulk Head Mounting
 SF - Surface Mounting
 SFH - Surface Mounting High Cage
 CCT - Cable to Cable
 CCTH - Cable to Cable High Cage



Selection Handbook



 **Product Capacity**

- **Connection type:** Screw, Spring , Crimp, Optical Fiber;
- **Installation methods:** Bulkhead mounting, surface mounting, cable to cable ...
- **Voltage levels:** Maximum voltage 1000V
- **Current levels:** Maximum current 200A
- **Number of contacts:** Maximum 218 Poles

Product Introduction

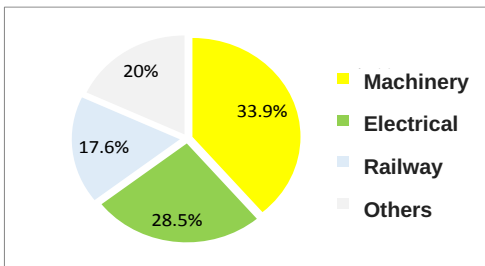
Product Selection

Product Application

Product Application



Application Case---电力开关---操动机构



Machinery

- ◆ Automation equipment
- ◆ Engineering machinery
- ◆ Escalator/Elevator
- ◆ Hot runner mold
- ◆ Machining equipment

Power

- ◆ Power generation
- ◆ Power transmission and transformation
- ◆ Power distribution

Railway

- ◆ High speed trains/bullet trains
- ◆ City rail/Subway
- ◆ Locomotive/Special Vehicle
- ◆ Cloud Track

Others

- ◆ Special lighting
- ◆ Process control
- ◆ Water treatment
- ◆



Product Application—Machinery

Industrial automation equipment

Features

Custom Cable Pre-installed, Custom lengths of Cables and connectors selected, quick and fast installation on-site

Applications

Welding Robot/ Robotic Arms
Intelligent control system
Assembly Line
Hoist
Transmission Beam System

Product Series

Ultra-high density (DDD series);
Modules (DM series);



Product Application

Elevator & Escalator

Features

Suitable for harsh environments. Convenient for delivering on-site.
Ease of installation, and costs reduction by pre-assembled

Application scenes

Elevator inverter control system
System control cabinet and escalator control station
On-site debugging and maintenance

Product series

General type (DE series)
Fixed combination type (DK series)
High density type (DEE series)
Modules (DM series)



 **Product Application****Application scenes**

Pile Equipment & Machinery
Concrete Mixing
Crane

Product series

General type (DE series);
Fixed combination type (DK series);



Product Application - Electrical

Power generation

Features

Cable prefabrication. Saving on installation.
Protection against Harsh Environments.

Application scenes

High Voltage Switchgear
Control Cabinet
Breaker

Product series

Ultra-high density (DDD series)
Modules (DM series)
High density (DEE series)



 **Product Application - Electrical**

Power Transmission

Features

External cabling uses high protection rating up to IP65.

Applications

Converter Station

Transformer Substation

Power Switch

Product series

Fixed combination type (DK series)

Compact type (DA series)



Product Application—Railway

Railway industry

Features

Need high-speed, high-reliability, high anti-interference connectors, high technology content; manufacturers of connectors must have high production technology and process capabilities.

Application scenes

- Train automatic protection system
- Locomotive power control cabinets
- Braking unit device
- Static converters
- Door step system

Product series

- Ultra-high density (DDD series)
- Modules (DM series)
- High density (DEE series)



➤ **Product Application—Others**

Process control



Water treatment





Contact Us

Western Canada

**#100-5118 North Fraser Way,
Burnaby, BC, V5J 0H1**

**Deanna Skoglund - deannas@s-pintl.com
Customer Service Manager**

**Herbert Wong - herbertw@s-pintl.com
Application Engineer**